

Interview Summary

Application No.

10/576,723

Applicant(s)

ISOGAI ET AL.

Examiner

Tony G. Soohoo

Art Unit

1797

All participants (applicant, applicant's representative, PTO personnel):

(1) Tony G. Soohoo, USPTO.

(3) Christopher Bullard

(2) David C. Mellon, USPTO.

(4) _____

Date of Interview: 21 April 2009.

Type: a) ☐ Telephonic b) ☐ Video Conference

c) ☒ Personal [copy given to: 1) ☐ applicant 2) ☒ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☐ No.

If Yes, brief description: _____

Claim(s) discussed: proposed claim 1, see Attached, 2 pages

Identification of prior art discussed: _____

Agreement with respect to the claims f) ☐ was reached. g) ☒ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Applicant discussed "Folton - rotating" as supported (0018)

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

[0019], [0048], [0049]. Applicant alleges that the instant apparatus utilizes the adhesion force that differs from the prior art. The office stance as to the adhesion forces of the relative liquids in the mixture is more directed to the effect and operation of the structural elements and not to the particular structural limitation producing the effect.


TONY G. SOOHOO
PRIMARY EXAMINER

**FACSIMILE**

PLEASE CALL US AT (703) 413-3000 IF THE MESSAGE YOU RECEIVE IS INCOMPLETE OR NOT LEGIBLE

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TO	<u>MELLON, DAVID C.</u>	<u>April 16, 2009</u>
	<u>NAME</u>	<u>DATE</u>
	<u>U.S.P.T.O.</u>	<u>571-270-8074</u>
	<u>COMPANY/FIRM</u>	<u>FAX #</u>
	<u>NUMBER OF PAGES INCLUDING COVER: 2</u>	<u>CONFIRM FAX: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</u>
FROM	<u>Christopher Bullard</u>	<u>290080US6PCT</u>
	<u>NAME</u>	<u>OUR REFERENCE</u>
	<u>(703) 412-6396</u>	<u>10/576,723</u>
	<u>DIRECT PHONE #</u>	<u>YOUR REFERENCE</u>

MESSAGE

Please see attached discussion points regarding the personal interview scheduled for Tuesday, April 21, 2009 at 10:00 AM.

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FOR DISCUSSION PURPOSES ONLY
DO NOT ENTER INTO THE RECORD

Discussion points for Personal Interview scheduled for Tuesday, April 21, 2009 at 10:00 AM:

Discuss clarifying that the outer member and the inner member are configured to adhere to the particular substance with a stronger adhesion force than to other substances in the mixed liquid.

Claim 1 (For Discussion Purposes Only): A mixed liquid separating apparatus for separating a particular substance from a mixed liquid containing at least two kinds of substances ~~of which fellow rotating property is different~~, comprising:

a cylindrical outer member ~~having that includes~~ an inducing port ~~for inducing~~ configured to introduce the mixed liquid at ~~[[one]]~~ a first end of the cylindrical outer member thereof, and an expelling port ~~for expelling~~ configured to expel the separated particular substance at ~~other a~~ second end thereof of the cylindrical outer member;

a rod-shaped inner member disposed coaxially with said outer member so as to be relatively rotatable relative to the cylindrical outer member thereto;

a driving ~~means for~~ unit configured to rotate ~~relatively rotating~~ said outer member and said inner member relative to each other; and

at least one of an inner peripheral surface of said outer member and an outer peripheral surface of said inner member ~~having including~~ a spiral guiding wall ~~for guiding that is~~ configured to guide the particular substance from the ~~[[one]]~~ first end to the ~~[[other]]~~ second end, by ~~[[the]]~~ relative rotation between said outer member and said inner member,

wherein said outer member and said inner member are configured to adhere to the particular substance with a stronger adhesion force than to other substances in the mixed liquid such that wherein the particular substance is separated from the mixed liquid when the particular substance is fed during feeding to the [[other]] second end of the cylindrical outer member along the spiral guiding wall surface by [[the]] relative rotation between said outer member and said inner member.